

Message

From: Harden, DeAndrea (CDC/DDPHSIS/CSTLTS/DPIFS) [pyc9@cdc.gov]
Sent: 4/8/2021 1:09:37 PM
To: O'Loughlin, Connor [oloughlin.connor@epa.gov]
Subject: Re: Blades GW site-year residents received treatment units

Thank you, Connor. I don't see how I missed that in the report.

From: O'Loughlin, Connor <oloughlin.connor@epa.gov>
Sent: Wednesday, April 7, 2021 4:58 PM
To: Harden, DeAndrea (CDC/DDPHSIS/CSTLTS/DPIFS) <pyc9@cdc.gov>
Subject: RE: Blades GW site-year residents received treatment units

DeAndrea,

No problem, this citation is from EPA's Final Site Inspection Report, page 12 and 13. In short 8 homes.

Residential Well Sampling

"The majority of the residences within Blades are supplied with public water; however, residences outside the town limits are served by private domestic wells. In February, March, and April 2018, WESTON, on behalf of EPA, collected groundwater samples from 54 domestic wells for PFAS analysis at residences located to the northeast and west of Blades; a few samples were collected from domestic wells within the town limits not supplied potable water from the town water authority. Sample locations are shown in Figure 3. As shown in Table 2, PFAS concentrations exceeded the combined HAL of 70 ng/L for PFOS and PFOA concentrations in seven of the domestic wells located west of Blades. PFOS was the main contaminant detected with concentrations ranging from 44 to 350 ng/L.

Subsets of the domestic wells were resampled in April, May, June, July, and August 2018. A review of the analytical data from those sampling events indicated concentrations in the respective domestic wells similar to the original samples, with the exception of two wells, RW-185 and RW-209. The May 2018 sample collected from RW-185, which was previously non-detect for PFOS, contained an estimated 16 ng/L. The July 2018 sample from RW-209, which previously had combined detections below the EPA HAL, now contained combined PFOS and PFOA concentrations totaling above the EPA HAL of 70 ng/L.

DNREC provided drinking water filters to all residents with private wells impacted by PFOA/PFOS above 52.5 ng/l (75% of the HAL). DNREC provided the filters to a total of 8 residences in February, March and July 2018, as well as replacement filters in February 2019. A summary of the residential well analytical results for the initial sampling, and the two resampled wells with differing results, is shown in Table 2 and further discussed in Section 4.5.2. Locations of the residential wells sampled and the PFAS concentrations detected during the residential well sampling event are shown in Figure 3."

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From: Harden, DeAndrea (CDC/DDPHSIS/CSTLTS/DPIFS) <pyc9@cdc.gov>
Sent: Wednesday, April 07, 2021 4:47 PM
To: O'Loughlin, Connor <oloughlin.connor@epa.gov>
Subject: Re: Blades GW site-year residents received treatment units

Thank you, Connor. Another question, were there 7 or 8 domestic wells that were contaminated with PFAS? I have seen it documented as both.

Thanks,
DeAndrea

From: O'Loughlin, Connor <oloughlin.connor@epa.gov>
Sent: Wednesday, April 7, 2021 4:41 PM
To: Harden, DeAndrea (CDC/DDPHSIS/CSTLTS/DPIFS) <pyc9@cdc.gov>
Subject: RE: Blades GW site-year residents received treatment units

DeAndrea,

The treatment systems were installed in 2018 for the PFAS.

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From: Harden, DeAndrea (CDC/DDPHSIS/CSTLTS/DPIFS) <pyc9@cdc.gov>
Sent: Wednesday, April 07, 2021 3:46 PM
To: O'Loughlin, Connor <oloughlin.connor@epa.gov>
Subject: Blades GW site-year residents received treatment units

Hello Connor,

What year did residents in Blades receive home treatment units? And was this for PFAS? Because sampling did not take place until 2018.

Thank you,
DeAndrea

DeAndrea Harden
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